

MEMORANDUM

TO: File 63-31807
FROM: Monica Van Bussum
DATE: June 11, 2010
RE: Licensing 63-31807

This memo serves to record some decisions I made while licensing 63-31807.

Applicant: Confirmed from field exam.

Source/POD: Permitted for two PODs in NWSE and SWSE. Development occurred for both wells in NWSE. This also impacts 63-31793, which is licensed for PODs in NWSE and SWSE. I confirmed with Ed Squires of HydroLogic that both rights share the wells, so 63-31793 will need a transfer to move one of the PODs and 63-31807 will need an amendment to move one of the PODs. Well capacity is in excess of what is licensed between the two rights, so no need for combined rate limit.

Water Use/Season of Use/Rate: Permitted for commercial, domestic and fire protection. Field exam confirmed commercial use. I asked Ed Squires if the field exam also confirmed fire protection and domestic. He said the field exam did and detailed the use in an email dated June 3, 2010, and included in the file.

Quantity: Permitted for 2 cfs. As noted before, well capacity is in excess of what is needed, so no need for rate limit. This was permitted with a combined volume limit with 63-31793 of 44.3 AF/year. In looking at the Ed Squires' letter of March 27, 2003, regarding the transfer on 63-31793, on page 2 he discussed the volume required for concrete manufacturing. Ed put the figure for the concrete manufacturing process alone at 14.85 million gallons per year, which equates to 45.5 AF/year. Therefore, placing an annual volume of 44.3 AF/year for commercial for 63-31807 seems within reason. Per Application Processing Memo No. 30, the annual volume for fire protection should be the maximum allowed for the right. The domestic use constitutes one home and drinking water for 100 workers each day. From looking at estimates for use of water in older department charts, I estimated the workers would require 15 gallons each per day, for a total of 1500 gallons per day. 1500 gpd equates to 1.68 AF/year. I used the standard department value of 0.6 AF/year for a domestic use with no lawn. 1.68 AF/year added to 0.6 AF/year equals 2.28 AF/year, the volume limit for domestic recommended here.

POU: POU confirmed as Town Ranch taxlot by field exam. Ed Squires' first map in the field exam also shows a parcel in the southeast included but this parcel was not part of the permitted POU and the taxlot records show ownership to Outdoor Products LLC, so this is not included in the license.

Conditions: Removed mitigation condition because mitigation was done up front. Removed DEQ requirement condition. Field exam suggested some tweaks to conditions describing domestic and commercial use and I altered those conditions to better describe use.